

## SEQUENCE LISTING

**10/565646**  
**AP20 Rec'd PCT/PTO 24 JAN 2006**

<110> INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE

<120> USE OF THE *SILVER* GENE FOR THE AUTHENTICATION OF  
THE ORIGINAL BREED OF ANIMAL POPULATIONS AND  
THEIR DERIVATIVE PRODUCTS

<130> IFB 03 BT INR SILV

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 Cys Ile Phe Pro Asp Gly Glu Pro Cys Pro Ser Gly Pro Leu Ser Gln  
 130 135 140  
 Lys Arg Cys Phe Val Tyr Val Trp Lys Thr Trp Asp Gln Tyr Trp Gln  
 145 150 155 160  
 Val Leu Gly Gly Pro Val Ser Gly Leu Ser Ile Gly Thr Asp Lys Ala  
 165 170 175  
 Met Leu Gly Thr Tyr Asn Met Glu Val Thr Val Tyr His Arg Arg Gly  
 180 185 190  
 Ser Gln Ser Tyr Val Pro Leu Ala His Ser Ser Ser Ala Phe Thr Ile  
 195 200 205  
 Thr Asp Gln Val Pro Phe Ser Val Ser Val Ser Gln Leu Gln Ala Leu  
 210 215 220  
 Asp Gly Arg Asn Lys Arg Phe Leu Arg Lys Gln Pro Leu Thr Phe Ala  
 225 230 235 240  
 Leu Gln Leu His Asp Pro Ser Gly Tyr Leu Ala Gly Ala Asp Leu Ser  
 245 250 255  
 Tyr Thr Trp Asp Phe Gly Asp Ser Thr Gly Thr Leu Ile Ser Arg Ala  
 260 265 270  
 Leu Thr Val Thr His Thr Tyr Leu Glu Ser Gly Pro Val Thr Ala Gln  
 275 280 285  
 Val Val Leu Gln Ala Ala Ile Pro Leu Thr Ser Cys Gly Ser Ser Pro  
 290 295 300  
 Val Pro Gly Thr Thr Asp Arg His Val Thr Thr Ala Glu Ala Pro Gly  
 305 310 315 320  
 Thr Thr Ala Gly Gln Val Pro Thr Thr Glu Val Met Gly Thr Thr Pro  
 325 330 335  
 Gly Gln Val Pro Thr Ala Glu Ala Pro Gly Thr Thr Val Gly Trp Val  
 340 345 350



Pro Thr Thr Glu Asp Val Gly Thr Thr Pro Glu Gln Val Ala Thr Ser  
 355 360 365  
 Lys Val Leu Ser Thr Thr Pro Val Glu Met Pro Thr Ala Lys Ala Thr  
 370 375 380  
 Gly Arg Thr Pro Glu Val Ser Thr Thr Glu Pro Ser Gly Thr Thr Val  
 385 390 395 400  
 Thr Gln Gly Thr Thr Pro Glu Leu Val Glu Thr Thr Ala Gly Glu Val  
 405 410 415  
 Ser Thr Pro Glu Pro Ala Gly Ser Asn Thr Ser Ser Phe Met Pro Thr  
 420 425 430  
 Glu Gly Thr Ala Gly Ser Leu Ser Pro Leu Pro Asp Asp Thr Ala Thr  
 435 440 445  
 Leu Val Leu Glu Lys Arg Gln Ala Pro Leu Asp Cys Val Leu Tyr Arg  
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 Tyr Gly Ser Phe Ser Leu Thr Leu Asp Ile Val Gln Gly Ile Glu Ser  
 465 470 475 480  
 Ala Glu Ile Leu Gln Ala Val Ser Ser Ser Glu Gly Asp Ala Phe Glu  
 485 490 495  
 Leu Thr Val Ser Cys Gln Gly Gly Leu Pro Lys Glu Ala Cys Met Asp  
 500 505 510  
 Ile Ser Ser Pro Gly Cys Gln Leu Pro Ala Gln Arg Leu Cys Gln Pro  
 515 520 525  
 Val Pro Pro Ser Pro Ala Cys Gln Leu Val Leu His Gln Val Leu Lys  
 530 535 540  
 Gly Gly Ser Gly Thr Tyr Cys Leu Asn Val Ser Leu Ala Asp Ala Asn  
 545 550 555 560  
 Ser Leu Ala Met Val Ser Thr Gln Leu Val Met Pro Gly Gln Glu Ala  
 565 570 575  
 Gly Leu Arg Gln Ala Pro Leu Phe Val Gly Ile Leu Leu Val Leu Thr  
 580 585 590  
 Ala Leu Leu Leu Ala Ser Leu Ile Tyr Arg Arg Arg Leu Met Lys Gln  
 595 600 605  
 Gly Ser Ala Val Pro Leu Pro Gln Leu Pro His Gly Arg Thr Gln Trp  
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